

ABSTRACT OF THE DISCLOSURE

A coating for weatherstrips, windshield wipers, door seals, trunk seals, sunroof seals, windshield seals and the like. The coating comprises a water-based formula that provides high abrasion resistance and, optimally, also provides excellent weathering resistance. The abrasion resistance property is achieved via a combination of boron nitride and a high molecular weight silicone resin. Flexibility and weathering resistance are achieved via the addition of an acrylic/polyurethane/fluoropolymer resin binder blend and high UV-stabilizers and absorbers. Also provided is a method of manufacturing such coatings that comprises the steps of pre-dispersing the boron nitride in water and then combining the pre-dispersed boron nitride with the silicone resin and other ingredients.

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